

CONSTRUCTION MATERIALS

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. See text for definitions of terms used in this table. Absence of an entry indicates that no rating is applicable.)

Map symbol and soil name	Roadfill	Sand	Gravel	Topsoil
2: Parnell-----	Poor: low strength shrink-swell wetness	Improbable: excess fines	Improbable: excess fines	Poor: wetness
3: Vallers-----	Fair: low strength wetness	Improbable: excess fines	Improbable: excess fines	Fair: small stones
4: Arveson-----	Poor: wetness	Probable	Improbable: too sandy	Poor: wetness
8: Colvin-----	Poor: low strength wetness	Improbable: excess fines	Improbable: excess fines	Poor: wetness
10: Lamoure-----	Poor: low strength wetness	Improbable: excess fines	Improbable: excess fines	Poor: wetness
Channel-----	---	---	---	---
11: Dovray-----	Poor: low strength shrink-swell wetness	Improbable: excess fines	Improbable: excess fines	Poor: too clayey wetness
12: Svea-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: small stones
13B: Barnes-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: small stones
15D: Buse-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: slope small stones too clayey
Svea-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: small stones
15E: Buse-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Poor: slope
Svea-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: small stones
16: Lallie-----	Poor: low strength shrink-swell wetness	Improbable: excess fines	Improbable: excess fines	Poor: excess salt too clayey wetness
17: Vang-----	Good	Improbable: excess fines	Improbable: excess fines	Poor: area reclaim small stones

CONSTRUCTION MATERIALS--Continued

Map symbol and soil name	Roadfill	Sand	Gravel	Topsoil
19: Hamerly-----	Fair: low strength shrink-swell wetness	Improbable: excess fines	Improbable: excess fines	Fair: small stones
23: Cresbard-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Poor: excess sodium too clayey
Cavour-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Poor: excess sodium excess salt too clayey
23B: Barnes-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: small stones
Cresbard-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Poor: excess sodium too clayey
25: Overly-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: thin layer
26: Bearden-----	Poor: low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Fair: thin layer
Overly-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: thin layer
29: Velva-----	Good	Improbable: excess fines	Improbable: excess fines	Good
30: Walsh-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: small stones
35: Rauville-----	Poor: wetness	Improbable: excess fines	Improbable: excess fines	Poor: wetness
39: Vallers, SALINE-----	Poor: low strength wetness	Improbable: excess fines	Improbable: excess fines	Poor: excess salt wetness
Manfred-----	Poor: low strength shrink-swell wetness	Improbable: excess fines	Improbable: excess fines	Poor: excess sodium excess salt wetness
41: Bearden-----	Poor: low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Fair: thin layer
Perella-----	Poor: low strength wetness	Improbable: excess fines	Improbable: excess fines	Poor: wetness
42: Nutley-----	Poor: low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Poor: too clayey
43B: Cashel-----	Poor: low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Poor: too clayey

CONSTRUCTION MATERIALS--Continued

Map symbol and soil name	Roadfill	Sand	Gravel	Topsoil
45: Wahpeton-----	Poor: low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Poor: too clayey
46: Ladelle-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Good
Channel-----	---	---	---	---
48: Wyndmere-----	Fair: wetness	Improbable: excess fines	Improbable: excess fines	Fair: thin layer
50B: Hecla-----	Good	Probable	Improbable: too sandy	Poor: thin layer
51B: Hecla-----	Good	Probable	Improbable: too sandy	Poor: thin layer
Maddock-----	Good	Probable	Improbable: too sandy	Poor: too sandy
51E: Maddock-----	Fair: slope	Probable	Improbable: too sandy	Poor: slope too sandy
53: Hamar-----	Poor: wetness	Probable	Improbable: too sandy	Poor: too sandy wetness
54B: Embden-----	Good	Improbable: excess fines	Improbable: excess fines	Good
55: Tiffany-----	Poor: wetness	Improbable: excess fines	Improbable: excess fines	Poor: wetness
59: Towner-----	Fair: low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Poor: too sandy
60: Grimstad-----	Fair: wetness	Improbable: excess fines	Improbable: excess fines	Poor: too sandy
62: Rockwell-----	Fair: wetness	Improbable: excess fines	Improbable: excess fines	Poor: thin layer
64: Antler-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: large stones
65: Antler, SALINE-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Poor: excess salt
67: Gilby-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: area reclaim small stones
70: Antler, SALINE-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Poor: excess salt

CONSTRUCTION MATERIALS--Continued

Map symbol and soil name	Roadfill	Sand	Gravel	Topsoil
Tonka-----	Poor: low strength wetness	Improbable: excess fines	Improbable: excess fines	Poor: too clayey wetness
71: Hamerly-----	Fair: low strength shrink-swell wetness	Improbable: excess fines	Improbable: excess fines	Fair: small stones
Tonka-----	Poor: low strength wetness	Improbable: excess fines	Improbable: excess fines	Poor: too clayey wetness
72: Gardena-----	Good	Improbable: excess fines	Improbable: excess fines	Good
73: Glyndon-----	Fair: wetness	Improbable: excess fines	Improbable: excess fines	Fair: thin layer
76: Borup-----	Poor: wetness	Improbable: excess fines	Improbable: excess fines	Poor: wetness
78B: Zell-----	Good	Improbable: excess fines	Improbable: excess fines	Good
Gardena-----	Good	Improbable: excess fines	Improbable: excess fines	Good
78C: Zell-----	Good	Improbable: excess fines	Improbable: excess fines	Good
Gardena-----	Good	Improbable: excess fines	Improbable: excess fines	Good
79B: Zell-----	Good	Improbable: excess fines	Improbable: excess fines	Good
Ladelle-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Good
79C: Zell-----	Good	Improbable: excess fines	Improbable: excess fines	Good
Ladelle-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Good
79D: Zell-----	Good	Improbable: excess fines	Improbable: excess fines	Fair: slope
Ladelle-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Good
84: Wyndmere-----	Fair: wetness	Improbable: excess fines	Improbable: excess fines	Fair: thin layer
Embden-----	Good	Improbable: excess fines	Improbable: excess fines	Good
86: Divide-----	Fair: wetness	Probable	Probable	Poor: area reclaim small stones too sandy

CONSTRUCTION MATERIALS--Continued

Map symbol and soil name	Roadfill	Sand	Gravel	Topsoil
87: Marysland-----	Poor: wetness	Probable	Probable	Poor: area reclaim small stones wetness
89: Renshaw-----	Good	Probable	Probable	Poor: area reclaim small stones too sandy
89B: Renshaw-----	Good	Probable	Probable	Poor: area reclaim small stones too sandy
90B: Arvilla-----	Good	Probable	Probable	Poor: area reclaim small stones too sandy
93: Inkster-----	Good	Improbable: excess fines	Improbable: excess fines	Good
94: Pits, Gravel-----	Poor: slope	Probable	Probable	Poor: area reclaim small stones too sandy
95: Ojata-----	Poor: low strength wetness	Improbable: excess fines	Improbable: excess fines	Poor: excess salt wetness
96D: Sioux-----	Good	Probable	Probable	Poor: area reclaim small stones too sandy
Barnes-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: slope small stones
97D: Sioux-----	Good	Probable	Probable	Poor: area reclaim small stones too sandy
98E: Edgeley-----	Poor: low strength depth to rock	Improbable: excess fines	Improbable: excess fines	Poor: small stones
Kloten-----	Poor: area reclaim thin layer	Improbable: excess fines	Improbable: excess fines	Poor: area reclaim slope
99: Cavour-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Poor: excess sodium excess salt too clayey
Miranda-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Poor: excess sodium excess salt

CONSTRUCTION MATERIALS--Continued

Map symbol and soil name	Roadfill	Sand	Gravel	Topsoil
106: Dumps-----	Poor: low strength slope	Improbable: excess fines	Improbable: excess fines	Poor: slope
Pits-----	Poor: slope	Probable	Probable	Poor: area reclaim small stones too sandy
126: Bearden-----	Poor: low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Fair: thin layer
130B: Svea-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: small stones
Buse-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: small stones too clayey
130C: Buse-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: small stones too clayey
Svea-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: small stones
148: Wyndmere-----	Fair: wetness	Improbable: excess fines	Improbable: excess fines	Fair: thin layer
Tiffany-----	Poor: wetness	Improbable: excess fines	Improbable: excess fines	Poor: wetness
171: Antler-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Fair: large stones
Tonka-----	Poor: low strength wetness	Improbable: excess fines	Improbable: excess fines	Poor: too clayey wetness
173: Glyndon-----	Fair: wetness	Improbable: excess fines	Improbable: excess fines	Fair: thin layer
Tiffany-----	Poor: wetness	Improbable: excess fines	Improbable: excess fines	Poor: wetness
199D: Miranda Variant-----	Poor: area reclaim low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Poor: excess sodium excess salt too clayey
226: Bearden-----	Poor: low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Fair: thin layer
Perella-----	Poor: low strength wetness	Improbable: excess fines	Improbable: excess fines	Poor: wetness
270: Bearden, SALINE-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Poor: excess salt
401: Aberdeen-----	Poor: low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Poor: excess sodium too clayey

CONSTRUCTION MATERIALS--Continued

Map symbol and soil name	Roadfill	Sand	Gravel	Topsoil
Nutley-----	Poor: low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Poor: too clayey
402: Exline-----	Poor: low strength	Improbable: excess fines	Improbable: excess fines	Poor: excess sodium excess salt too clayey
Aberdeen-----	Poor: low strength shrink-swell	Improbable: excess fines	Improbable: excess fines	Poor: excess sodium too clayey
M-W: Miscellaneous Water-----	---	---	---	---
W: Water-----	---	---	---	---

